



UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. 01-662)

PATENT

In the Application of: )  
 )  
 **Handfield, et al.** )  
 ) Art Unit: 1646  
 Serial No.: 09/995,493 )  
 ) Examiner: Baskar  
 Filed: November 28, 2001 )  
 )  
 For: **Identification of Actinobacillus Actinomycetemcomitans Antigens for use in**  
 **the Diagnosis, Treatment and Monitoring of Periodontal Disease**

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

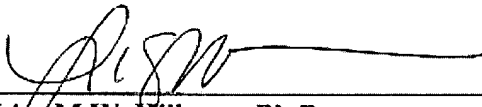
Pursuant to the duty of disclosure provided by 35 C.F.R. § 1.56 and §§ 1.97-98, the applicants wish to make the following references of record in the above-identified application. Copies of the references are enclosed. Copies are also listed in the PTO-1449 form enclosed herewith. Each reference was first cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three (3) months prior to the filing of the Information Disclosure Statement. It is requested that the documents be given careful consideration and that they be cited of record in the prosecution history of the present application so that they will appear on the face of the patent issuing from the present application.

In the judgment of the undersigned, portions of the references may be material to the examination of the pending claims, however no such admission is intended. 37 C.F.R. 1.97 (h). The references have not been reviewed in sufficient detail to make any other representation and, in particular, no representation is indented as to the relative importance of any portion of the references. This Statement is not a representation that the cited references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. sections 102 or 103.

Respectfully submitted,

Date: May 6, 2005

by:

  
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**Lisa M.W. Hillman, Ph.D**  
Reg. No. 43,673

FORM PTO-1449  
(Rev. 2-32)U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No.

01-662

Serial No.

09/995,493

**SECOND SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(Use several sheets if necessary)**Applicant:**

Handfield, et al.

**Filing Date:**

November 28, 2001

**Group:**

1646

**U.S. PATENT DOCUMENTS**

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	1.	5,985,288	11/16/99	Munson, Jr. et al.	424	256.1	6/7/95
	2.	6,713,071 B1	3/30/04	Ankenbauer et al.	424	234.1	10/14/99

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).**

	3.	International Search Report dated February 28, 2005 corresponding to PCT/US02/37235 filed November 20, 2002
	4.	Cao, et al., "In vivo induced antigenic determinants of <i>Actinobacillus actinomycetemcomitans</i> ", <i>FEMS Microbiology Letters</i> , 237 (2004) 97-103
	5.	Wilson, et al., "Virulence factors of <i>Actinobacillus actinomycetemcomitans</i> relevant to the pathogenesis of inflammatory periodontal diseases", <i>FEMS Microbiology Reviews</i> , 17 (1995) 365-379
	6.	Meyer, et al., "The role of <i>Actinobacillus actinomycetemcomitans</i> in the pathogenesis of periodontal disease", <i>Trends in Microbiology</i> , Vol. 5, No. 6, pp. 224-228, 1997
	7.	Murray, et al., "The microbiology of HIV-associated periodontal lesions", <i>J. Clin. Periodontol.</i> 16:636-642, 1989
	8.	Komatsuzawa, et al., "Identification of six major outer membrane proteins from <i>Actinobacillus actinomycetemcomitans</i> ", <i>Gene</i> , 288 (2002) 195-201
EXAMINER		DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.